

## VARCO AUTOMOBILE TOOLS

Our sockets are made of an especially selected alloy steel of high physical characteristics, and are subjected to an exacting heat treatment. The object of the modern hardening and tempering process is to create a structure within the material which will resist deformation to the highest degree, and it is in the hands of the skillful hardener to determine the proper heats and duration to which a material has to be subjected in order to arrive to its maximum strength and toughness. These tools are not stamped or pressed of tubing or pipe, but broached into solid material of superior quality, thereby insuring not only highest strength, but accuracy as well. The handles are made of heavy material,  $\frac{5}{8}$ -inch diameter, which allows a liberal offset, and consequently proportionate tightening power, without precipitating a twisting or breaking off, and the tools are practically indestructible. An entirely new departure is the interchangeability of sockets to the handle. The advantage of this feature is evident, as it allows the user the full range of a complete set without the necessity of buying a different handle for each size socket. Fastened to the handle by means of a most simple and at the same time ingenious expansion arrangement, the sockets fit to the handle as if made of one piece, and can only be removed if so intended, yet in a moment's time. The above described feature of interchangeability makes it possible to sell any combination of handles and sockets without the necessity of carrying a large stock, a fact which certainly will be appreciated by any merchant. The stock required for wrenches whose sockets and handles are either made of one piece or fastened solidly together is many times larger, whereas a moderate stock of our socket wrenches is sufficient for any combination.

## COMBINATION SOCKET WRENCH SET



This is a small yet very useful set, which takes up but very little space and as a consequence is easily carried. These sockets fit and cover practically any nut in an automobile.

Contents: 1 8-inch offset handle,  $\frac{5}{8}$ -inch diameter. 1 8-inch extension. 1 screw driver. 7 hexagon broached alloy steel sockets, heat treated, thin walls yet of extreme strength and toughness. Sockets easily interchangeable. Patented rigid taper fit of sockets to handle. Size:  $\frac{1}{8}$ -inch screw size to  $\frac{3}{4}$ -inch screw size inclusive S. A. E. standard and corresponding U. S. standard sizes. Openings:  $\frac{1}{2}$ ,  $\frac{1}{4}$ ,  $\frac{5}{16}$ ,  $\frac{3}{8}$ ,  $\frac{7}{16}$ ,  $\frac{1}{2}$ ,  $\frac{5}{8}$ ,  $1\frac{1}{8}$ -inch. Sockets are broached  $\frac{1}{16}$ -inch larger than above dimensions. Handle and extension beautiful black glossy oil finish. Sockets blue tempering color. Rust proof. In a wooden box.

No. 99 ..... Each \$6.50

## RED BUTTON SPEED WRENCH SET

Contents: 1 red button speed wrench handle,  $\frac{5}{8}$ -inch diameter, 4-inch shank. 1 offset wrench handle, 8-inch. 2 extensions 8-inch and 12-inch long. 1 screw driver. 7 hexagon broached alloy steel sockets, heat treated, thin walls, yet of extreme strength and toughness. Sockets easy interchangeable. Patented rigid taper fit of sockets to handle. Size:  $\frac{1}{8}$ -inch screw size to  $\frac{3}{4}$ -inch screw size inclusive S. A. E. standard and corresponding sizes to U. S. standard. Openings:  $\frac{1}{2}$ ,  $\frac{1}{4}$ ,  $\frac{5}{16}$ ,  $\frac{3}{8}$ ,  $\frac{7}{16}$ ,  $\frac{1}{2}$ ,  $\frac{5}{8}$ ,  $1\frac{1}{8}$ -inch. Sockets are broached  $\frac{1}{16}$ -inch larger than above dimensions. Handles and extensions beautiful black glossy oil finish. Speed button red enamel. Sockets blue tempering color. Rust proof. In a wooden box.



Contents: 1 red button speed wrench handle,  $\frac{5}{8}$ -inch diameter, 4-inch shank. 1 offset wrench handle, 8-inch. 2 extensions 8-inch and 12-inch long. 1 screw driver. 7 hexagon broached alloy steel sockets, heat treated, thin walls, yet of extreme strength and toughness. Sockets easy interchangeable. Patented rigid taper fit of sockets to handle. Size:  $\frac{1}{8}$ -inch screw size to  $\frac{3}{4}$ -inch screw size inclusive S. A. E. standard and corresponding sizes to U. S. standard. Openings:  $\frac{1}{2}$ ,  $\frac{1}{4}$ ,  $\frac{5}{16}$ ,  $\frac{3}{8}$ ,  $\frac{7}{16}$ ,  $\frac{1}{2}$ ,  $\frac{5}{8}$ ,  $1\frac{1}{8}$ -inch. Sockets are broached  $\frac{1}{16}$ -inch larger than above dimensions. Handles and extensions beautiful black glossy oil finish. Speed button red enamel. Sockets blue tempering color. Rust proof. In a wooden box.

No. 100 ..... Each \$9.50

## RED BUTTON SPEED WRENCH SET



Contents: 1 red button speed wrench handle  $\frac{5}{8}$ -inch diameter, 4-inch shank. 1 offset wrench handle. 2 extensions 8 and 12-inch long. 1 screw driver. 15 hexagon broached alloy steel sockets, heat treated, thin walls, yet of extreme strength and toughness. Easy interchangeable. Patented rigid taper fit of sockets to handle. Sizes:  $\frac{1}{8}$ -inch screw size to  $\frac{3}{4}$ -inch screw size inclusive S. A. E. standard.  $\frac{1}{4}$ -inch screw size to  $\frac{3}{4}$ -inch screw size inclusive U. S. standard.  $\frac{1}{8}$ -inch screw size to 1-inch screw size inclusive cap screw size. Openings:  $\frac{1}{2}$ ,  $\frac{1}{4}$ ,  $\frac{5}{16}$ ,  $\frac{3}{8}$ ,  $\frac{7}{16}$ ,  $\frac{1}{2}$ ,  $\frac{5}{8}$ ,  $1\frac{1}{8}$ ,  $1\frac{1}{4}$ ,  $1\frac{1}{2}$ ,  $1\frac{3}{4}$ -inch. These openings will accommodate any size nut and bolt head in any hexagon system. Sockets are broached  $\frac{1}{16}$ -inch larger than above dimensions. Handles and extensions beautiful black glossy oil finish. Speed button red enamel. Sockets blue tempering color. Rust proof. In a wooden box.

size inclusive S. A. E. standard.  $\frac{1}{4}$ -inch screw size to  $\frac{3}{4}$ -inch screw size inclusive U. S. standard.  $\frac{1}{8}$ -inch screw size to 1-inch screw size inclusive cap screw size. Openings:  $\frac{1}{2}$ ,  $\frac{1}{4}$ ,  $\frac{5}{16}$ ,  $\frac{3}{8}$ ,  $\frac{7}{16}$ ,  $\frac{1}{2}$ ,  $\frac{5}{8}$ ,  $1\frac{1}{8}$ ,  $1\frac{1}{4}$ ,  $1\frac{1}{2}$ ,  $1\frac{3}{4}$ -inch. These openings will accommodate any size nut and bolt head in any hexagon system. Sockets are broached  $\frac{1}{16}$ -inch larger than above dimensions. Handles and extensions beautiful black glossy oil finish. Speed button red enamel. Sockets blue tempering color. Rust proof. In a wooden box.

No. 110 ..... Each \$14.30

## COMBINATION WRENCH PARTS

$\frac{5}{8}$ -inch diameter. Black glossy oil finish. Rust proof. Red enamel button. In a cardboard box.



No. 250—Red button speed wrench handle, 4-inch shank. Each ..... \$1.30

No. 251—Red button speed wrench handle, 6-inch shank. Each ..... \$1.30

No. 252—Red button speed wrench handle, 12-inch shank. Each ..... \$1.45



## VARCO AUTOMOBILE TOOLS

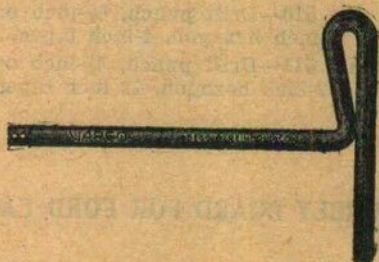
## COMBINATION WRENCH PARTS



5/8-inch diameter. Black glossy oil finish. Rust proof.

- No. 257—Offset handle, 6-inch lever.....Each \$0.90  
 No. 258—Offset handle, 8-inch lever..... " 1.00  
 No. 259—Offset handle, 12-inch lever..... " .90

Six in a cardboard box.



5/8-inch diameter. Black glossy oil finish. Rust proof.

- No. 260—T handle, 6-inch shank.....Each \$0.90  
 No. 261—T handle, 10-inch shank..... " 1.00  
 No. 262—T handle, 12-inch shank..... " 1.10

Six in a cardboard box.



5/8-inch diameter. Black glossy oil finish. Rust proof.

- No. 263—Extension square, 6-inch long.....Each \$1.10  
 No. 265—Extension square, 12-inch long..... " 1.20

Six in a cardboard box.

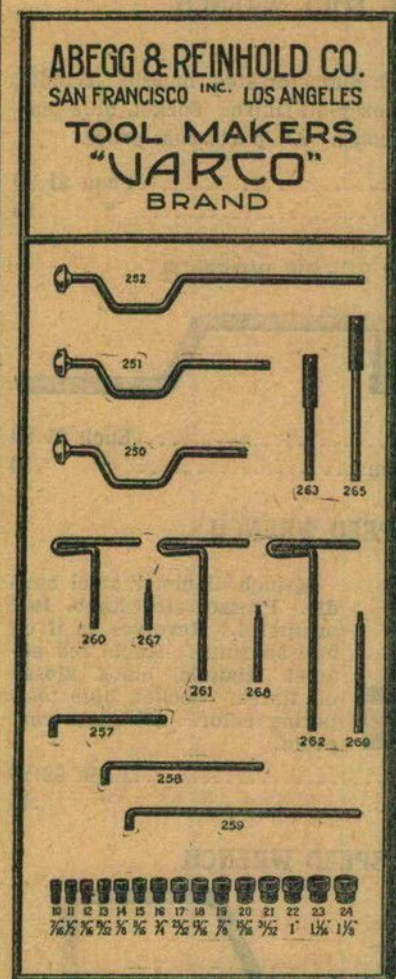


This attachment can be used in a regular bit brace for using our sockets. Black glossy oil finish. Rust proof.

- No. 267—Bit shank, 4-inch.....Each \$0.80  
 No. 268—Bit shank, 6-inch..... " .80  
 No. 269—Bit shank, 8-inch..... " .80

Six in a cardboard box.

## DEALERS DISPLAY STOCK BOARD



These highly ornamental boards carry the different handles and extensions together with sockets, and in this way they offer a practical solution of display and selling medium. Sockets and handles being interchangeable any desired combination can be obtained and consequently a comparatively small stock will be found sufficient—a welcome feature for the merchant, no doubt.

## Sockets

	Each	
12 1/8-inch	\$.50	\$6.00
12 1/2-inch	.50	6.00
12 3/8-inch	.50	6.00
12 7/8-inch	.50	6.00
12 1 1/8-inch	.50	6.00
12 1 1/2-inch	.50	6.00
12 1 3/4-inch	.50	6.00
12 1 7/8-inch	.50	6.00
12 2-inch	.50	6.00
12 2 1/8-inch	.65	7.80
12 2 1/2-inch	.65	7.80
12 2 3/4-inch	.65	7.80
12 2 7/8-inch	.75	9.00
12 3-inch	.75	9.00

## Each

6 No. 250 red button speed wrench handles, 4-inch shank	\$1.30	\$7.80
6 No. 251 red button speed wrench handles, 6-inch shank	1.30	7.80
6 No. 252 red button speed wrench handles, 12-inch shank	1.45	8.70
6 No. 257 offset handles, 6-inch shank	.90	5.40
6 No. 258 offset handles, 8-inch shank	1.00	6.00
6 No. 259 offset handles, 12-inch shank	.90	5.40
6 No. 260 T handles, 6-inch shank	.90	5.40
6 No. 261 T handles, 8-inch shank	1.00	6.00
6 No. 262 T handles, 12-inch shank	1.10	6.60
6 No. 263 extensions, square shank, 6-inch long	1.10	6.60
6 No. 265 extensions, square shank, 12-inch long	1.20	7.20
6 No. 267 bit shanks, 4-inch long	.80	4.80
6 No. 268 bit shanks, 6-inch long	.80	4.80
6 No. 269 bit shanks, 8-inch long	.80	4.80
Board		\$6.20
No. 300—Complete		\$194.90
Same board with one-half the number of tools.		
No. 300 1/2—Complete		\$99.50



## VARCO AUTOMOBILE TOOLS

## MAIN BEARING BOLT WRENCH



$\frac{5}{8}$ -inch diameter steel handle. Handle, black glossy oil finish. Socket, blue tempering color. All parts rust proof.

No. 355—Complete ..... Each \$1.80  
Single Sockets ..... " .90

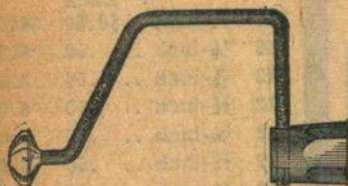
## FLYWHEEL CAP SCREW WRENCH

$\frac{5}{8}$ -inch diameter steel handle. Handle, black glossy oil finish. Socket, blue tempering color. All parts rust proof.



No. 370—Complete ..... Each \$1.80  
Single Sockets— $\frac{11}{16}$ -inch hexagon..... " .50

## HUB CAP SPEED WRENCH

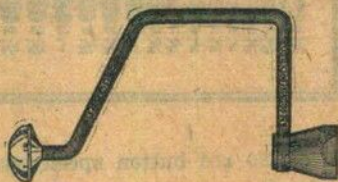


$\frac{5}{8}$ -inch diameter steel handle. Pressed steel knob. Red enameled. Revolves as if on ball-bearings. Knob, red enamel. Handle, black glossy oil finish. Socket, blue tempering color. All parts rust proof.

No. 380—Complete ..... Each \$2.20  
Single Sockets—For hub cap..... " .75

## CONE ADJUSTING SPEED WRENCH

$\frac{5}{8}$ -inch diameter steel handle. Pressed steel knob. Red enameled. Revolves as if on ball-bearings. Knob, red enamel. Handle, black glossy oil finish. Socket, blue tempering color. All parts rust proof.



No. 385—Complete ..... Each \$2.20  
Single Sockets—For cone..... " .75

## CYLINDER HEAD BOLT, REAR AXLE HOUSING NUT WRENCH



$\frac{5}{8}$ -inch diameter steel handle. Handle, black glossy oil finish. Socket, blue tempering color. All parts rust proof.

No. 395..... Each \$2.40

## SPINDLE BODY BUSHING

Tool is placed head first into the opening of the spindle body from below; the legs acting like spring will open up, thereby resting on the bushing. A few taps on the head of the driver will remove the bushing.



No. 500..... Each \$1.10

## VALVE SETTING GAUGE



A—Distance from top of piston to cylinder casting when intake valve commences to open at beginning of suction stroke.

B—Distance from top of piston to cylinder casting when intake valve closes at beginning of compression stroke.

C—Distance of top of piston above cylinder casting when exhaust valve must close.

D—Distance from top of piston to cylinder casting when exhaust valve commences to open at end of expansion stroke.

No. 505..... Each \$1.10

## DRIFT PUNCH

No. 510—Drift punch,  $\frac{5}{8}$ -inch octagon by 8-inch hexagon, 4-inch taper..... Each \$0.80

No. 511—Drift punch,  $\frac{5}{8}$ -inch octagon by 12-inch hexagon, 12 inch taper... Each \$1.00

## ASSEMBLY BOARD FOR FORD CARS

Represents the latest design in tools for Ford assembly.

While especially constructed to meet the requirements of the assembly mechanic, they are also preferable to the car owner.

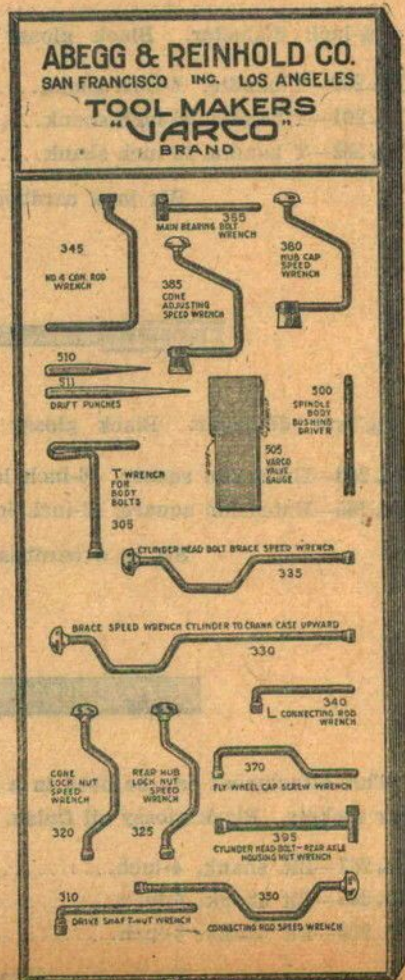
The same material feature of interchangeability, guarantee, etc., goes with these tools.

The display board is beautifully finished and is furnished at an additional charge with above assortment of wrenches

## Contents

	Each	
3 No. 305.....	\$1.50	\$4.50
3 No. 320.....	2.05	6.15
3 No. 325.....	1.95	5.85
3 No. 330.....	2.00	6.00
3 No. 335.....	1.95	5.85
3 No. 340.....	1.50	4.50
3 No. 345.....	1.90	5.70
3 No. 350.....	1.80	5.40
3 No. 355.....	1.80	5.40
3 No. 370.....	1.80	5.40
3 No. 375.....	1.65	4.95
3 No. 380.....	2.20	6.60
3 No. 385.....	2.20	6.60
3 No. 395.....	2.40	7.20
3 No. 500.....	1.10	3.30
3 No. 505.....	1.10	3.30
3 No. 510.....	.80	2.50
3 No. 511.....	1.00	3.00
Board .....		\$4.50

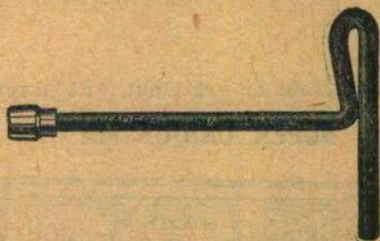
No. 600—Complete... \$96.50





## VARCO AUTOMOBILE TOOLS FOR FORD CARS

### T WRENCH FOR BODY BOLTS, FRONT AND CENTER



$\frac{5}{8}$ -inch diameter steel handle. Handle, black glossy oil finish. Socket, blue tempering color. All parts rust proof.

No. 305—Complete. Shank, 10-inch long.....Each \$1.50  
Single Sockets— $\frac{11}{16}$ -inch hexagon.....“ .50

### REAR BODY BOLT NUT L WRENCH



$\frac{5}{8}$ -inch diameter steel handle. Handle, black glossy oil finish. Socket, blue tempering color. All parts rust proof.

No. 310—Complete. Handle, 10-inch long.....Each \$1.50  
Single Sockets— $\frac{11}{16}$ -inch hexagon.....“ .50

### CONE LOCK NUT SPEED WRENCH



$\frac{5}{8}$ -inch diameter steel handle. Pressed steel knob. Red enameled. Revolves as if on ball-bearings. Knob, red enamel. Handle, black glossy oil finish. Socket, blue tempering color. All parts rust proof.

No. 320—Complete. Shank, 4-inch long.....Each \$2.05  
Single Sockets— $1\frac{1}{8}$ -inch hexagon.....“ .75

### REAR HUB LOCK NUT SPEED WRENCH



$\frac{5}{8}$ -inch diameter steel handle. Pressed steel knob. Red enameled. Revolves as if on ball-bearings. Knob, red enamel. Handle, black glossy oil finish. Socket, blue tempering color. All parts rust proof.

No. 325—Complete. Shank, 4-inch long.....Each \$1.95  
Single Sockets— $\frac{11}{16}$ -inch hexagon.....“ .65

### BRACE SPEED WRENCH CYLINDER TO CRANK CASE UPWARD



$\frac{5}{8}$ -inch diameter steel handle. Pressed steel knob. Red enameled. Revolves as if on ball-bearings. Knob, red enamel. Handle, black glossy oil finish. Socket, blue tempering color. All parts rust proof.

No. 330—Complete. Shank, 16-inch long.....Each \$2.00  
Single Sockets— $\frac{1}{2}$ -inch hexagon.....“ .50

### CYLINDER HEAD BOLT BRACE SPEED WRENCH



$\frac{5}{8}$ -inch diameter steel handle. Pressed steel knob. Red enameled. Revolves as if on ball-bearings. Knob, red enamel. Handle, black glossy oil finish. Socket, blue tempering color. All parts rust proof.

No. 335—Complete. Shank, 12-inch long.....Each \$1.95  
Single Sockets— $\frac{5}{8}$ -inch hexagon.....“ .50

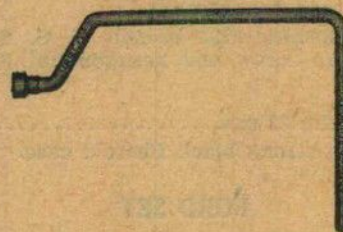
### L CONNECTING ROD WRENCH



$\frac{5}{8}$ -inch diameter steel handle. Handle, black glossy oil finish. Socket, blue tempering color. All parts rust proof.

No. 340—Handle, 8-inch long.....Each \$1.50  
Single Sockets— $\frac{5}{8}$ -inch hexagon.....“ .50

### CONNECTING ROD WRENCH NO. 4



$\frac{5}{8}$ -inch diameter steel handle. Handle, black glossy oil finish. Socket, blue tempering color. All parts rust proof.

No. 345—Complete.....Each \$1.90  
Single Sockets— $\frac{5}{8}$ -inch hexagon.....“ .50

### CONNECTING ROD SPEED WRENCH



$\frac{5}{8}$ -inch diameter steel handle. Pressed steel knob. Red enameled. Revolves as if on ball-bearings. Knob, red enamel. Handle, black glossy oil finish. Socket, blue tempering color. All parts rust proof.

No. 350—Complete. Shank, 4-inch long.....Each \$1.80  
Single Sockets— $\frac{5}{8}$ -inch hexagon.....“ .50